



Specifications:

Type	Bench Drilling Machine					Column type of Vertical Drilling Machine													
	15160	15161	15162	15163	15164	15165	15166	15167	15168	15169									
Model	ZN4025	ZN4030	XN4030B	ZN4035	ZN4035A	ZN4035B	ZN5025	ZN5030	ZN5030B	ZN5032	ZN5032A	ZN5032B	ZN5035	ZN5035A	ZN5035B	ZN5040	ZN5040B	ZN5050A	ZN5050B
Max.drilling diameter (steel)and tapping diameter	Φ25/M16	Φ30/M20	Φ35/M22	Φ35/M22	Φ35/M22	Φ35/M22	Φ25/M16	Φ32/M20	Φ32/M20	Φ32/M22	Φ35/M20	Φ35/M20	Φ35/M20	Φ35/M20	Φ35/M20	Φ40/M24	Φ40/M24	Φ50/M27	Φ50/M27
Max.travel of spindle	110	135	160	160	160	160	110	135	135	160	150	160	160	160	190	190	200	200	200
Max.distance from spindle to generating line of column	240	260	320	320	320	320	240	260	260	320	300	320	320	320	340	340	360	360	360
Max.distance between spindle end to the worktable surface.							630	670/685	670/685	630	800	800	585	665	665	590	590	590	590
Max.distance from spindle end to the surface of base worktable	650	700	645	645	645	645	1100	1150/1165	1150/1165	1185	1225	1225	1140	1195	1195	1175	1175	1175	1175
Max.travel of spindle box	500	520	515	515	515	515	250	180(ZN5030B)	180(ZN5030B)	285	270	270	545	570(450)	570(450)	530(410)	530(410)	530(410)	530(410)
Max.travel of worktable and bracket(Manual/Mechanical)							450	605/500	605/500	415	415	415	±45°	±45°	±45°	±45°	±45°	±45°	±45°
Swivel angle of worktable							3	3	3	4	4	4	4	4	4	4	4	4	4
Spindle taper bore	3	3	4	4	4	4	3	3	3	4	4	4	4	4	4	4	4	4	4
Spindle speed steps	6	12	12	12	12	12	6	12	12	12	12	12	12	12	12	12	12	12	12
Spindle speed range	125~2825	125~3030	125~3030	125~3030	125~3030	125~3030	125~2825	125~3030	125~3030	125~3030	78~2500	78~2500	125~3030	76~2065	76~2065	52~1400	52~1400	52~1400	52~1400
Spindle feed steps		3	3	3	3	3		3	3	3			3	3	3	4	4	4	4
Spindle feed range		0.1-0.3	0.1-0.3	0.1-0.3	0.1-0.3	0.1-0.3		0.1-0.3	0.1-0.3	0.1-0.3			0.1-0.3	0.1-0.3	0.1-0.3	0.1-0.4	0.1-0.4	0.1-0.4	0.1-0.4
Dimension of worktable							350x400	420x350	420x350	500x420	πx190°	πx190°	500x420	520x440	520x440	580Xx460	580Xx460	580Xx460	580Xx460
Effective working area of worktable	310x320	335x340	400x360	400x360	400x360	400x360	310x320	335x340	335x340	400x360	365x415	365x415	400x360	405x395	405x395	445x435	445x435	445x435	445x435
Diameter of column	Φ95	Φ110	Φ120	Φ120	Φ120	Φ120	Φ95	Φ110	Φ110	Φ120	Φ120	Φ120	Φ120	Φ140	Φ140	Φ160	Φ160	Φ160	Φ160
Power of motor	0.75	0.85/1.1	1/1.2	1/1.2	1/1.2	1/1.2	0.75	0.85/1.1	0.85/1.1	1/1.2	1/1.3/1.7	1/1.3/1.7	1/1.2	1.5	1.5	2.2	2.2	2.2	2.2
Machine dimension	740x500x1500	740x420x1610	810x460x1640	810x460x1640	810x460x1640	810x460x1640	700x500x1900	700x460x2250	700x460x2250	835x500x1960	835x510x1730	835x510x1730	835x510x1730	849x545x2290	849x545x2290	940x680x2405	940x680x2405	940x680x2405	940x680x2405
Packing dimension/Net weight and gross weight	820x620x2250 230/280	820x620x2270 315/360	820x620x2290 340/385	820x620x2290 340/385	820x620x2290 340/385	820x620x2290 340/385	830x530x1950 300/350	870x550x2220 340/380	870x550x2220 340/380	960x580x2080 500/555	940x570x2120 430/475	940x570x2120 430/475	940x545x2290 430/475	1000x650x2220 565/615	1000x650x2220 565/615	1170x680x2300 565/615	1170x680x2300 565/615	1170x680x2300 565/615	1170x680x2300 565/615

Special attachment:

- Φ6-Φ16mm collect
- Milling cutter shank
- Cross worktable
- Collet shank
- Nut for T-slot
- Inner hexagon bolt
- 125mm precision vice

Accessories included in the machine

- Shaft sleeve for taper shank tool
- Key type drill chuck
- Connecting bar for drill chuck
- Wedge for taper shank tool
- Double open end spanner